

# March 2014

## Monthly Operations Report



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# INTRODUCTION

Pursuant to Schedule 6, Section 1.8.2(a) of the Concession Agreement, Plenary Roads Denver (“PRD”) is required to submit a monthly report covering all essential statistics related to the Managed Lanes, along with any Incident Reports filed during the reporting period.

PRD assumed responsibility for the project on March 7, 2014. With the exception of the revenue section, we have reported on data for the entire month of March 2014 despite the fact that some of these volumes were realized prior to the Commencement Date of PRD’s operations. As we move forward and accumulate historical project data, we will be able to provide more trend analysis in our reports.

## 1.0 VOLUMES AND LANE USAGE

The total monthly traffic volume for March 2014 was 281,503.

The table below provides the monthly summary, along with a detailed breakdown of weekday volumes. For reference, the AM Peak Period is considered to be weekdays from 6:00 am – 10:00 am. The PM Peak Period is considered to be weekdays from 3:00pm – 7:00pm.

March 2014 Summary						
	Transponder	Hybrid	Licence Plate	HOV	Violation	Total
Total Monthly Traffic	72,745	4,999	26,852	176,507	400	<b>281,503</b>
Maximum Weekday Traffic	3,873	261	1,540	7,599	26	<b>13,299</b>
Average Weekday Traffic	2,357	163	866	5,716	12	<b>9,115</b>
Average AM Peak/Hour	504	36	169	847	2	<b>1,559</b>
Average PM Peak/Hour	493	32	177	819	3	<b>1,524</b>
Average AM Peak Period	1,453	103	478	2,163	7	<b>4,205</b>
Average PM Peak Period	1,389	86	519	2,537	8	<b>4,539</b>

Table 1 - March 2014 Traffic Summary

The following tables depict the distribution of traffic types (Table 1) and daily traffic volumes (Table 2) for the month.

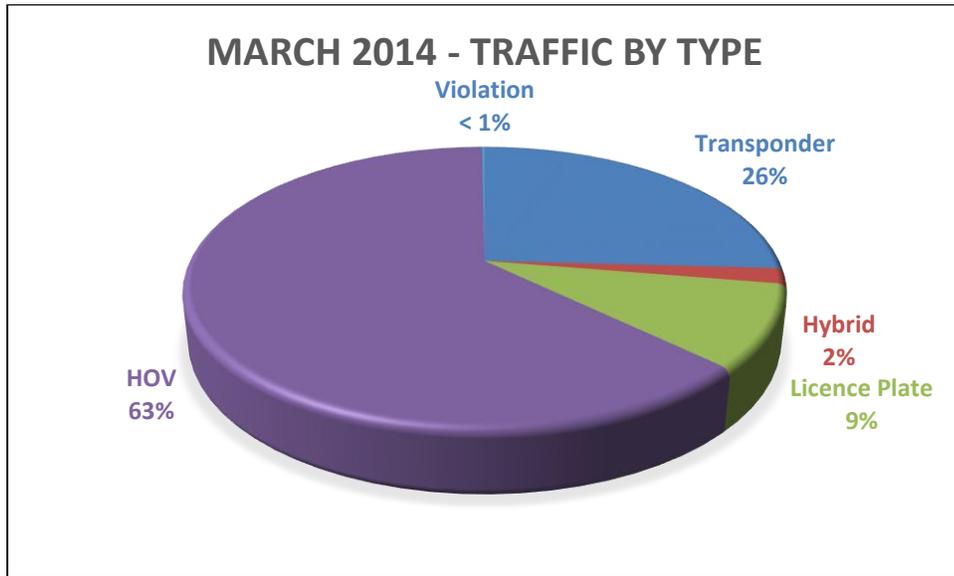


Figure 1 - Traffic by Type

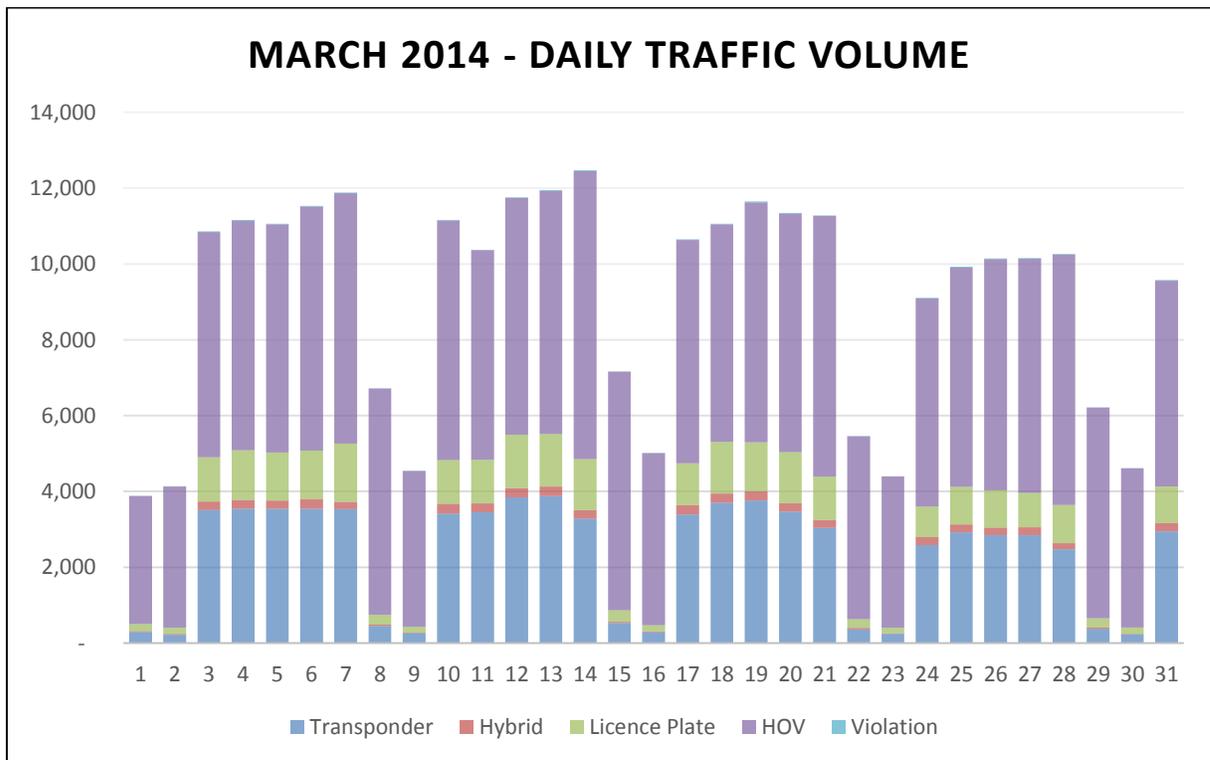


Figure 2 - Daily Traffic Volumes

## 2.0 BUS TRAVEL TIME

Beginning in August 2013, RTD has been replacing its old T21 plastic case transponders with new 6C sticker transponders. The travel time indicators (“TTIs”) in the lanes are only able to read the T21 protocol. As a result, there is not currently an ability to track the travel times of the buses in the Express Lanes during the months of March 2014. A solution to this issue is under development.

## 3.0 REVENUES

During the month of March 2014, PRD collected \$187,585 from users of the Managed Lanes. For the purposes of this report, revenues are recognized at the time which they are collected, which is typically sometime after they have been incurred. For example, if a single-occupant vehicle uses the lanes in March but pays in April, the associated revenue is attributed to April.

## 4.0 OPERATIONAL INCIDENTS, ISSUES, AND CLOSURES

The bus exit lanes in front of Denver Union Station will remain closed until May 11, 2014. Currently, all traffic must exit the Managed Lanes at 19<sup>th</sup> Street. This situation continues to cause sporadic delays during the morning peak periods.

On March 20, there was a component failure at Gate 2 of Gate Set 2, which blocked traffic for approximately 22 minutes. At this time, Transfield was able to begin operating the gate manually, with automatic service being restored within one day.

On March 31, during a visual sign inspection, Transfield detected a broken top bolt. This item was addressed on the next day. This item did not have an operational impact.

In addition there were several minor incidents logged and resolved related to graffiti, litter removal and pothole remediation.

## 5.0 ENFORCEMENT

PRD, HPTE and the Colorado State Patrol (“CSP”) are working together in partnership to ensure the safety and integrity of both the General and Managed Lanes. Detailed statistics related to the CSP’s enforcement activities will be made available in PRD Quarterly Reports, the first of which will be released in July 2014.

## 6.0 HYBRID UTILIZATION

Total Hybrid Trips	Average AM Peak	Average PM Peak
4,999	103	86

Table 2 - Hybrid Utilization

Fuel efficient “Hybrid” vehicles are permitted to access the Express Lanes free of charge, regardless of occupant numbers, provided that they have obtained a permit from CDOT, obtained a Hybrid transponder from E-470, and display an E-470 Hybrid decal on the vehicle’s windshield. PRD tracks Hybrid usage of the Express Lanes, which has trended downward during the past 12 months.

The total of 4,999 Hybrid trips during March 2014 is down a significant 7.5% relative to March 2013, while overall traffic is down only 3.8%. This indicates a decline in the propensity to use a transponder-equipped hybrid vehicle in the Managed Lanes.